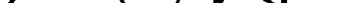


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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete If Known	
Application Number				09/21/1998 09/886,29	
Filing Date				12/22/1998	
First Named Inventor				Thomas E. Tarara et al.	
Art Unit				1615	
Examiner Name				R. Bawa	
Attorney Docket Number				0054.00	
Sheet	1	of	2		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cto No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code 2 (if known)			
W	AA	US-4571334	02/18/1986	Yoshisa et al.	—
W	AB	US-4765987	08/23/1988	Bonte et al.	—
LA	AC	US-5032585	07/16/1991	Lichtenberger	—
	AD	US-5262405	11/16/1993	Girod-Vaquez et al.	—
	AE	US-5299566	04/05/1994	Davis et al.	
	AF	US-5451569	09/19/1995	Wong et al.	
	AG	US-5527521	06/18/1996	Unger et al.	
	AH	US-5542935	08/06/1996	Unger et al.	
	AI	US-5569448	10/19/1996	Wong et al.	
	AJ	US-5648095	07/15/1997	Illum et al.	
	AK	US-5656297	08/12/1997	Bernstein et al.	
	AL	US-5667808	09/16/1997	Johnson et al.	
	AM	US-5698537	12/16/1997	Pruss	
	AN	US-5776496	07/07/1998	Violante et al.	
	AO	US-5853698	12/29/1998	Straub et al.	
	AP	US-5853752	05/29/1998	Unger et al.	—
	AQ	US-5853763	12/29/1998	Tice et al.	—
	AR	US-5925334	07/20/1999	Rubin et al.	—
W	AS	US-5955143	09/21/1999	Wheatley	—
W	AT	US-5985309	11/16/1999	Edwards et al.	—

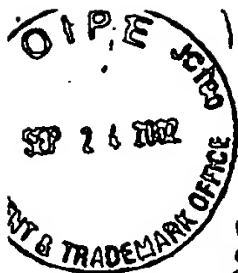
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/219,798-09/886,296
		Filing Date	12/22/1998
		First Named Inventor	Thomas E. Tarara et al.
		Art Unit	1615
		Examiner Name	R. Bawa
Sheet 2 of 2	Attorney Docket Number	0054.00	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
↓	AU	US-6017310	01/25/2000	Johnson et al.	—
↓	AV	US-6051259	04/18/2000	Johnson et al.	—
↓	AW	US-6068600	05/30/2000	Johnson et al.	—
↓	AX	US-6086376	07/11/2000	Moussa et al.	—
↓	AY	US-6113948	09/05/2000	Heath et al.	—
↓	AZ	US-6129934	10/10/2000	Egan et al.	—
↓	BA	US-6165508	12/26/2000	Tracy et al.	—
↓	BB	US-5707644	11/1997	Illum	—
↓	BC	US-5306483	4/1994	Mautone	—
↓	BD	US-5145684	9/1992	Liversidge	—
↓	BE	US-4358442	11/9/1982	Wirtz-Peitz et al.	—
↓	BF	US-4404228	9/13/1983	Cloosterman et al.	—
↓	BG	US-5747001	5/5/1998	Widemann et al.	—
↓	BH	US-5994318	11/30/1999	Gould Rogerite et al.	—
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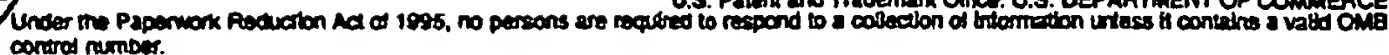
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code‡ - Number* - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T§
↓	BI	AU 714998	1/18/1997	Byk Gulden	—	
↓	BI	WO 91/16444	10/31/1991	Liposome Company	—	
↓	BK	JP 03038592	2/19/1991	Yagi Antenna	—	
↓	BL	UK 206569	7/1/1991	Nattermann & CIE	—	

Examiner Signature		Date Considered	12/02/02
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† Applicant's unique citation designation number (optional). ‡ See Kind's Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ¶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ¶ Applicant is to place a check mark here if English language Translation is attached.
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Sheet	1	of	1
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Application Number	09/886,296
Filing Date	06/21/2001
First Named Inventor	Thomas Tarara et al.
Group Art Unit	1616
Examiner Name	S. Gollamudi
Attorney Docket Number	0054.10

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FORM PTO-1049
U.S. DEPARTMENT OF COMMERCE
PATENT & TRADEMARK OFFICE

ATTY DOCKET NO.

0054.10

APPLICATION NO.

09/886,296

INFORMATION DISCLOSURE STATEMENT BY
APPLICANT

APPLICANT

Tarara et al.

(USE SEVERAL SHEETS IF NECESSARY)

FILING DATE

6/21/2001

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										U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	D N	O U	C M	U D	M E	R R	N	T	DATE	NAME	CLASS	SUBCLASS	FILING DATE
JA	5	3	0	8	6	2	0	A	5/1994	Yen	RECEIVED		
	5	5	6	2	6	0	8	A	10/1996	Selins et al.	SEP 27 2002		
	5	6	1	6	3	1	1	A	4/1997	Yen			
	5	6	7	3	6	8	6	A	10/1997	Villax et al.	TECH CENTER 1600/2900		
	5	6	7	6	9	2	9	A	10/1997	Alshurst et al.			
	5	8	2	9	4	3	5	A	11/1998	Rubsamen et al.			
JA	5	8	5	5	9	1	3	A	1/1999	Honza et al.	424	489	
JA	5	8	7	4	0	6	4	A	2/1999	Edwards et al.			
JA	6	0	4	1	7	7	7	A	3/2000	Faithful et al.	128	200.24	

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EXAMINER INITIAL	D N	O U	C M	U O	M E	E R	N	T	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES
MAH	0	2	7	4	4	3	1	A2	7/1988	EPO			
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	0	6	1	1	5	6	7	A1	8/1994	EPO			
	9	6	1	9	1	9	8		6/1996	WO			
WJ	9	7	3	6	5	7	4		10/1997	WO			
VH	9	7	3	6	5	7	8		10/1997	WO			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)														
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<i>JA</i>	Ahlnect et al. "The Molecular Basis of Moisture Effects on the Physical and Chemical Stability of Drugs in the Solid State" Int. J. of Pharmaceutics 62: 87-95 (1990).														
<i>JA</i>	Altanbach et al. "Ca ²⁺ Binding to Phosphatidylcholine Bilayers As Studied by Deuterium Magnetic Resonance. Evidence for the Formation of a Ca ²⁺ Complex with Two Phospholipid Molecules" Biochemistry 23: 3913-3920 (1984).														
<i>JA</i>	Bebincova et al. "Dextran Enhances Calcium-Induced Aggregation of Phosphatidylserine Liposomes: Possible Implications for Exocytosis" Physiol Res 48(4): 319-321 (1999).														
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EXAMINER

DATE CONSIDERED

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09/886,296

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT

Tarara et al.

(USE SEVERAL SHEETS IF NECESSARY)

FILED DATE
6/21/2001

GROUP
1616

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
JSB	Cerc, G. "Membrane Electrostatics" <i>Biochim Biophys Acta</i> 1031(3): 311-382 (1990). , in particular pp 330-338.
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EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPET 602. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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09/886,296

APPLICANT

Tarara et al.

(USE SEVERAL SHEETS IF NECESSARY)

FILING DATE

6/-21/2001

GROUP

1-4616

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
WZ	Gordon et al. "Ideal Copolymers and the Second-Order Transitions of Synthetic Rubbers. I. Non-Crystalline Copolymers" J. Appl. Chem. 2: 493-500 (Sept., 1952).
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WZ	Huster et al. "Investigation of Phospholipid Area Compression Induced by Calcium-Mediated Dextran Sulfate Interaction" Biophys J. 77(2): 879-887 (Aug., 1999).

EXAMINER	DATE CONSIDERED
	12/2/02

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPPE 699; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. EXCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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09/886,296

INFORMATION DISCLOSURE STATEMENT
APPLICANT

Tarara et al.

(USE SEVERAL SHEETS IF NECESSARY)

FILING DATE
6/21/2001

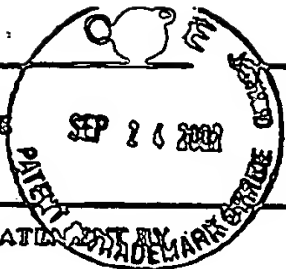
GROUP
1616

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EXAMINER INITIAL	OTHER DOCUMENTS (EXCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
WV	Huster et al. "Strength of Ca(2+) Binding to Retinal Lipid Membranes: Consequences for Lipid Organization" Biophys J. 78(6): 3011-3018 (June, 2000).
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EXAMINER <i>AJ</i>	DATE CONSIDERED 12/2/02
*EXAMINER: INITIAL IF CITATION CONSIDERED WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609. DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
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ATTY DOCKET NO.

0054.10

APPLICATION NO.

09/886,296

INFORMATION DISCLOSURE STATEMENT BY
APPLICANT

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APPLICANT

Tarara et al.

FILING DATE

6/21/2001

GROUP

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	D	N	O	U	C	M	U	S	E	R	N	T	DATE	NAME	CLASS	SUBCLASS	FILED DATE

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	D	N	O	U	C	M	U	S	E	R	N	T	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	Milkqvist-Fureby et al. "Spray-Drying of Trypsin - Surface Characterisation and Activity Preservation" Int. J. Pharm. 188: 243-253 (1999).
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EXAMINER

DATE CONSIDERED

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0054.10

09/886,296

APPLICANT
Tarara et al.

FILING DATE
6/21/2001

GROUP
1616

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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
JS	1. Joachim Seelig, <i>Handb. Met.-Ligand Interact. Biol. Fluids: Bioinorg. Chem.</i> & Metal Ion Interactions with Lipids: 698-706 (1995).
	Shah et al. "The Ionic Structure of Sphingomyelin Monolayers" <i>Biochim Biophys Acta</i> 135: 184-187 (1967).
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	Simha et al. "On a General Relation Involving the Glass Temperature and Coefficients of Expansion of Polymers" <i>J. Chem. Physics</i> 37(9): 1003-1007 (Sept. 1962).
JS	Sugisaki et al. "Calorimetric Study of the Glassy State. IV. Heat Capacities of Glassy Water and Cubic Ice" <i>Bulletin of the Chemical Society of Japan</i> 41: 2591-2599 (Nov., 1968).
Not included	Trotter, S.A. "Binding of Alkaline Earth Metal Cations and Some Anions to Phosphatidylcholine Liposomes" <i>Eur. J. Biochem.</i> 170: 413-420 (1987).

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 0054.10	APPLICATION NO. 09/886,296
INFORMATION DISCLOSURE STATEMENT APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	APPLICANT Tarara et al.	
	FILING DATE 6/21/2001	GROUP 1616

										U.S. PATENT DOCUMENTS			
EXAMINER INITIAL	D N	O U	C M	U B	M E	E R	N	T	DATE	NAME	CLASS	SUBCLASS	FILING DATE

										FOREIGN PATENT DOCUMENTS			
EXAMINER INITIAL	D N	O U	C M	U B	M E	E R	N	T	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)												

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